

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MUR EX  
Product code : ENE-BAT-MUX  
Type of product : Powders  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Fillers, putties, plasters, modelling clay

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

TOUPRET SA  
24 Rue du 14 juillet  
FR 91813 Corbeil-Essonnes  
France  
T + 33 (0)1 69 47 20 20, F + 33 (0)1 60 75 87 11  
[fdstoupret@toupret.fr](mailto:fdstoupret@toupret.fr), <https://www.toupret.com/>

#### 1.4. Emergency telephone number

| Country/Area         | Organisation/Company   | Address       | Emergency number | Comment |
|----------------------|--|---------------|------------------|---------|
| United Arab Emirates | Health Authority – Abu Dhabi (HAAD)<br>Poison & Drug Information Center (PDIC) | P.O. Box 5674 | + 800-424        |         |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 1 H318  
Skin sensitisation, Category 1 H317  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Causes serious eye damage. May cause an allergic skin reaction.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Cement, portland, chemicals; Flue dust, portland cement

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P261 - Avoid breathing dust.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.

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P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

Other hazards which do not result in classification : Product dust may cause mechanical irritation to the skin and mucous membranes.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name  | Product identifier   | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP]                  |
|---|--|------------------|--|
| Quartz (SiO <sub>2</sub> )<br>substance with a Community workplace exposure limit | CAS-No.: 14808-60-7<br>EC-No.: 238-878-4                               | $> = 10 - < 20$  | Not classified   |
| Cement, portland, chemicals   | CAS-No.: 65997-15-1<br>EC-No.: 266-043-4                               | $> = 3 - < 5$    | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335 |
| Cellulose<br>substance with a Community workplace exposure limit                  | CAS-No.: 9004-34-6<br>EC-No.: 232-674-9                                | $\geq 1 - < 5$   | Not classified   |
| Ashes (residues)  | CAS-No.: 68131-74-8<br>EC-No.: 268-627-4                               | $> = 1 - < 5$    | Eye Irrit. 2, H319   |
| Flue dust, portland cement  | CAS-No.: 68475-76-3<br>EC-No.: 270-659-9<br>REACH-no: 01-2119486767-17 | $\geq 0.1 - < 1$ | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335 |
| substance with a Community workplace exposure limit                               | CAS-No.: 14464-46-1<br>EC-No.: 238-455-4                               | $\geq 0.1 - < 1$ | Not classified   |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Take off contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.  |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor immediately, even if there are no immediate symptoms. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

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### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects                    | : Product dust may cause mechanical irritation to the skin and mucous membranes.  |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction.  |
| Symptoms/effects after eye contact  | : Causes serious eye damage.  |
| Symptoms/effects after ingestion    | : Large amounts: Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. nausea, vomiting. |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

### 5.2. Special hazards arising from the substance or mixture

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

|                      |   |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust. |
|----------------------|---|

#### For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Clear up rapidly by scoop or vacuum. Do not use any water to clean up. Product forms slippery surface when combined with water. |
| Other information       | : Dispose of materials or solid residues at an authorized site.   |

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe dust. Avoid contact with skin and eyes. Keep out of reach of children. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.  |

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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Protect from moisture. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

Incompatible materials : Acids. Aluminium.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Safety glasses. Protective clothing. Gloves. Dust production: dust mask with filter type P2.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses with side shields. Do not wear contact lenses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### Respiratory protection

##### Respiratory protection:

In order to avoid inhalation of dust, all sanding must be done wearing adequate respirator. dust mask P2

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Colour : white.

Appearance : Powders.

Odour : characteristic.

Odour threshold : Not available

Melting point : Not available

Freezing point : Not applicable

Boiling point : Not available

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|   |                  |
|---|------------------|
| Flammability                                    | : Non flammable. |
| Explosive properties                            | : Not explosive. |
| Oxidising properties                            | : Non oxidizing. |
| Lower explosion limit                           | : Not applicable |
| Upper explosion limit                           | : Not applicable |
| Flash point                                     | : Not applicable |
| Auto-ignition temperature                       | : Not applicable |
| Decomposition temperature                       | : Not available  |
| pH  | : 10 – 11        |
| pH solution concentration                       | : 45 %           |
| Viscosity, kinematic                            | : Not applicable |
| Solubility                                      | : Dispersible.   |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : ≈ 0.9          |
| Relative vapour density at 20°C                 | : Not applicable |
| Particle size                                   | : Not available  |

### 9.2. Other information

#### Other safety characteristics

VOC content : < 0.5 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Acids. Aluminium.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |   |
|-----------------------------|---|
| Acute toxicity (oral)       | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

#### Cement, portland, chemicals (65997-15-1)

|                                   |              |
|-----------------------------------|--------------|
| LD50 oral                         | > 2000 mg/kg |
| LD50 dermal                       | > 2000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | > 5 mg/l/4h  |

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| Flue dust, portland cement (68475-76-3) |  |
|---|--|
| LD50 oral rat                           | > 1848 mg/kg bodyweight Animal: rat, Guideline: other:OECD 422   |
| LD50 dermal rat                         | ≥ 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                       |
| LC50 Inhalation - Rat                   | > 6.04 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method) |

| Cellulose (9004-34-6)             |   |
|-----------------------------------|---|
| LD50 oral rat                     | > 3000 mg/kg  |
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 10 – 11                                |
| Additional information            | : Product dust may cause mechanical irritation to the skin and mucous membranes.  |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 10 – 11   |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction.  |
| Additional information            | : Prolonged and repeated skin contact may cause a sensitising effect due to the presence of track of elements such as chromium VI |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)   |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met)   |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met)   |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met)   |
| Additional information            | : May be irritating to the mucous membranes and to the respiratory system   |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met)   |
| Aspiration hazard                 | : Not classified (Technical impossibility to obtain the data)   |

| MUR EX               |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified (Based on available data, the classification criteria are not met) |

| Flue dust, portland cement (68475-76-3) |  |
|---|--|
| EC50 72h - Algae [1]                    | 28.2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2]                    | 22.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

| MUR EX                        |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

| Cement, portland, chemicals (65997-15-1) |                        |
|--|------------------------|
| Persistence and degradability            | Not rapidly degradable |

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### Flue dust, portland cement (68475-76-3)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Ashes (residues) (68131-74-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Quartz (SiO<sub>2</sub>) (14808-60-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Cellulose (9004-34-6)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### (14464-46-1)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

## 12.3. Bioaccumulative potential

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|                           |                              |
|---------------------------|------------------------------|
| Bioaccumulative potential | No bioaccumulation expected. |
|---------------------------|------------------------------|

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

## 12.7. Other adverse effects

Other adverse effects : May cause pH changes in aqueous ecological systems.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                 | IMDG           | IATA           | ADN            | RID            |
|-------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b> |                |                |                |                |
| Not applicable                      | Not applicable | Not applicable | Not applicable | Not applicable |

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| ADR                                    | IMDG           | IATA           | ADN            | RID            |
|--|----------------|----------------|----------------|----------------|
| 14.2. UN proper shipping name          |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es)       |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group                    |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards            |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available |                |                |                |                |

### 14.6. Special precautions for user

**Overland transport**  
Not applicable

**Transport by sea**  
Not applicable

**Air transport**  
Not applicable

**Inland waterway transport**  
Not applicable

**Rail transport**  
Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU-Regulations

Other information, restriction and prohibition regulations : Directive 2004/42/EC on the limitation of emissions of volatile organic compounds.  
Regulation (EU) No 861/2010 related to Customs Nomenclature.

#### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

#### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)



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### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### VOC Directive (2004/42)

VOC content : < 0.5 %

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

This sheet was updated (refer to the date at the top of this page). This sheet has been revised completely (changes were not marked).

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| DNEL                        | Derived-No Effect Level   |
| EC50                        | Median effective concentration  |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| OECD                        | Organisation for Economic Co-operation and Development  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| N.O.S.                      | Not Otherwise Specified   |
| NOAEL                       | No-Observed Adverse Effect Level  |
| vPvB                        | Very Persistent and Very Bioaccumulative  |
| ED                          | Endocrine disruptor   |

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2         |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Skin Sens. 1                        | Skin sensitisation, Category 1   |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.   |
| H318                                | Causes serious eye damage.   |
| H319                                | Causes serious eye irritation.   |
| H335                                | May cause respiratory irritation.  |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---|------|--------------------|
| Eye Dam. 1  | H318 | Calculation method |
| Skin Sens. 1  | H317 | Calculation method |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.